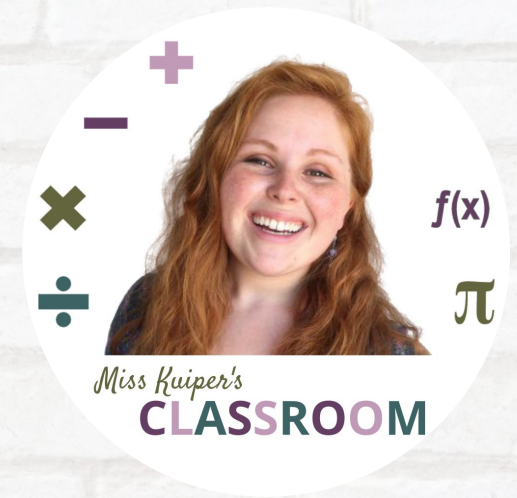


Thank you for previewing the Rotations Worksheets!

If you encounter an issue, whether a typo or a mathematical error or something else, PLEASE contact me and I will be more than happy to help sort it out. I want you to enjoy this product to the fullest. *You can email me here:*

johanna@misskuipersclassroom.com



Algebra 1 Activities

Free Resources

Worksheet #1

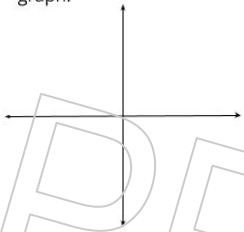
9a. Looking back at problems 3 and 4, what do you similarities and differences do you notice?

9b. What conclusion can you make about 90° clockwise and 270° counterclockwise?

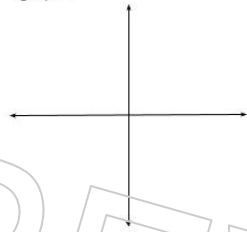
{Rotations in Geometry #1}

Name: _____ Period: _____

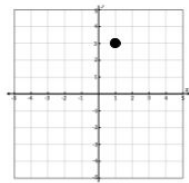
1. Draw an arrow following a clockwise path on the graph.



2. Draw an arrow following a counterclockwise path on the graph.



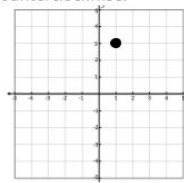
3. Rotate the point 90° clockwise.



Pre-image Coordinate: _____

Image Coordinate: _____

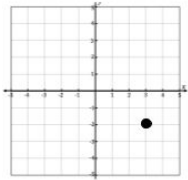
4. Rotate the point 270° counterclockwise.



Pre-image Coordinate: _____

Image Coordinate: _____

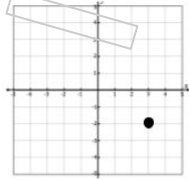
5. Rotate the point 90° counterclockwise.



Pre-image Coordinate: _____

Image Coordinate: _____

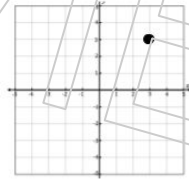
6. Rotate the point 270° clockwise.



Pre-image Coordinate: _____

Image Coordinate: _____

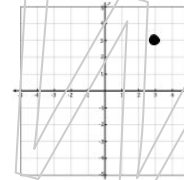
7. Rotate the point 180° clockwise.



Pre-image Coordinate: _____

Image Coordinate: _____

8. Rotate the point 180° counterclockwise.



Pre-image Coordinate: _____

Image Coordinate: _____

What do you similarities and differences do you notice?

90° counterclockwise and 270° clockwise

What do you similarities and differences do you notice?

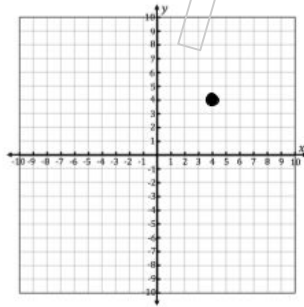
180° clockwise and 180° counterclockwise?

Worksheet #2

{Rotations in Geometry #2}

Name: _____ Period: _____

1. Rotate the point 90° , 180° , and 270° clockwise around the origin.



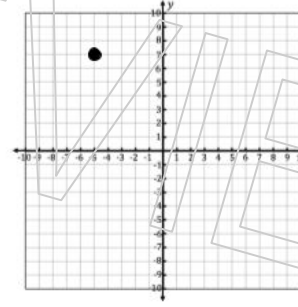
Pre-Image
 0° :

Image
 90° :

180° :

270° :

2. Rotate the point 90° , 180° , and 270° counterclockwise around the origin.



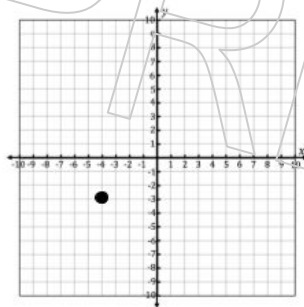
Pre-Image
 0° :

Image
 90° :

180° :

270° :

3. Rotate the point 90° , 180° , and 270° clockwise around the origin.



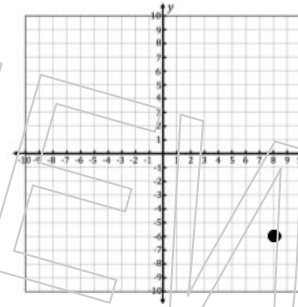
Pre-Image
 0° :

Image
 90° :

180° :

270° :

4. Rotate the point 90° , 180° , and 270° counterclockwise around the origin.



Pre-Image
 0° :

Image
 90° :

180° :

270° :

Digital Versions of the Worksheet

Rotation of a Point #1 - Google Slides

docs.google.com/presentation/d/12SFJKmnJiRzFTevJNzEVbEgWHHzmgI2ffQc5hdw5d0/edit#slide=id.g556b82a036_0_165

Rotation of a Point #1


File Edit View Insert Format Slide Arrange Tools Add-ons Help Last edit was 2 minutes ago

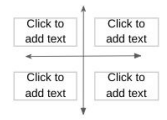
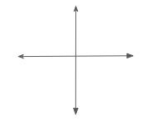
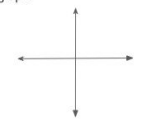
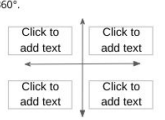
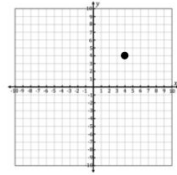
Background Layout Theme Transition

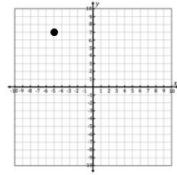
Directions

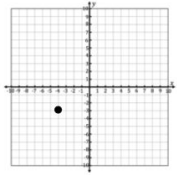
Move the red dot to show the rotations.

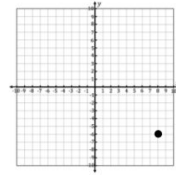
Click the "Click to add text" to type in your answers.

Use the  tool to zoom in.

1. Label the quadrants.

2. Draw an arrow following a clockwise path on the graph.

3. Draw an arrow following a counterclockwise path on the graph.

4. Consider each quadrant as a 90° rotation. Starting in Quadrant 1, label each as 90°, 180°, 270° and 360°.

5. Rotate the point 90°, 180°, and 270° around the origin.


Pre-Image	Image
0°: Click to add text	90°: Click to add text
	180°: Click to add text
	270°: Click to add text
	360°: Click to add text
6. Rotate the point 90°, 180°, and 270° around the origin.


Pre-Image	Image
0°: Click to add text	90°: Click to add text
	180°: Click to add text
	270°: Click to add text
	360°: Click to add text
7. Rotate the point 90°, 180°, and 270° around the origin.


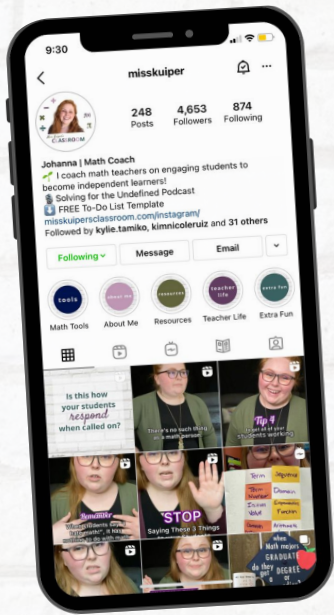
Pre-Image	Image
0°: Click to add text	90°: Click to add text
	180°: Click to add text
	270°: Click to add text
	360°: Click to add text
8. Rotate the point 90°, 180°, and 270° around the origin.


Pre-Image	Image
0°: Click to add text	90°: Click to add text
	180°: Click to add text
	270°: Click to add text
	360°: Click to add text

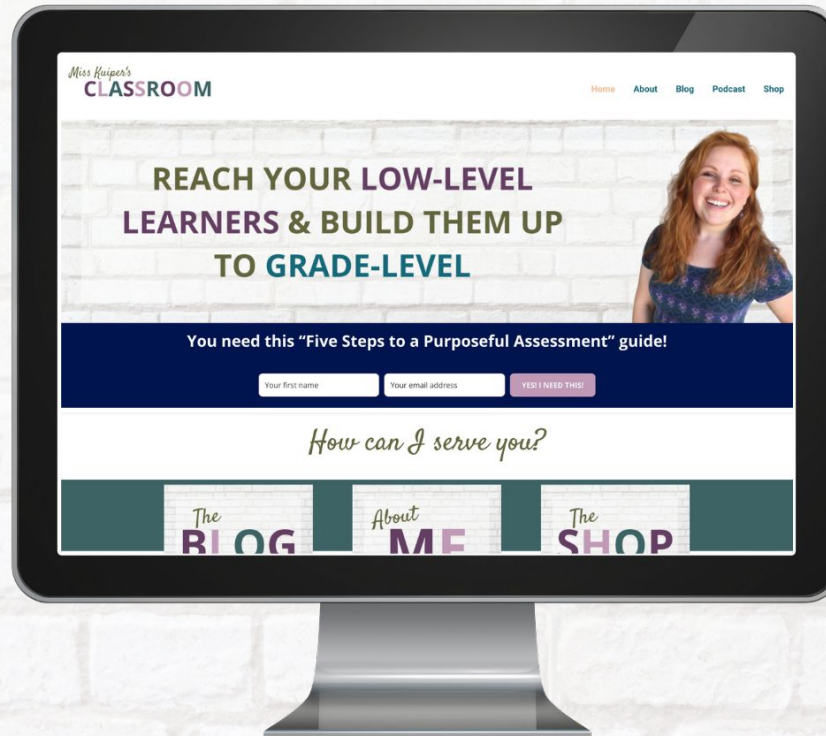
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